

Name: \_\_\_\_\_

**Worksheet - Factoring Difference of Squares – Version 4**

Directions: Please fully factor the following expressions.

1.  $x^2 - 121$

2.  $y^2 - 225$

3.  $49x^2 - 1$

4.  $25x^6 - 16$

5.  $25 - k^8$

6.  $x^{20} - 16$

7.  $x^2y^{14} - 36$

8.  $36x^2 - 4$

9.  $700x^2 - 7$

10.  $100b^2 - 25y^2$